

Wake up to  
**Venhart**<sup>®</sup>  
BRAND

UPDATED  
EDITION  
2019

**RUBBER BANDS and TIES**

*The complete guide*



# Australia's biggest range of rubber bands!

There's a very good chance you've used a rubber band today. No-one in the nation supplies a bigger choice of sizes and colours for every application: from tying pony tails to bunching vegetables, from securing crab claws to bundling mail. And no-one in Australia carries a larger stock - more than 170 tonnes in our Melbourne warehouse.



*Venhart* rubber bands are made from 96% pure rubber. They are much stronger and yet lighter weight than bands made from compounds, therefore you get more bands per kilogram. **VenBands** are made from 85% crepe rubber (15% to 20% compounds).

They are suitable for most jobs and cost less per bag than pure rubber bands. See the "The making of a *Venhart* rubber band" (right).

# Venhart®

BRAND

203

220

109  
109T

107

175

92

170

160  
BANANA  
BAND

106

89

24

105

87

67

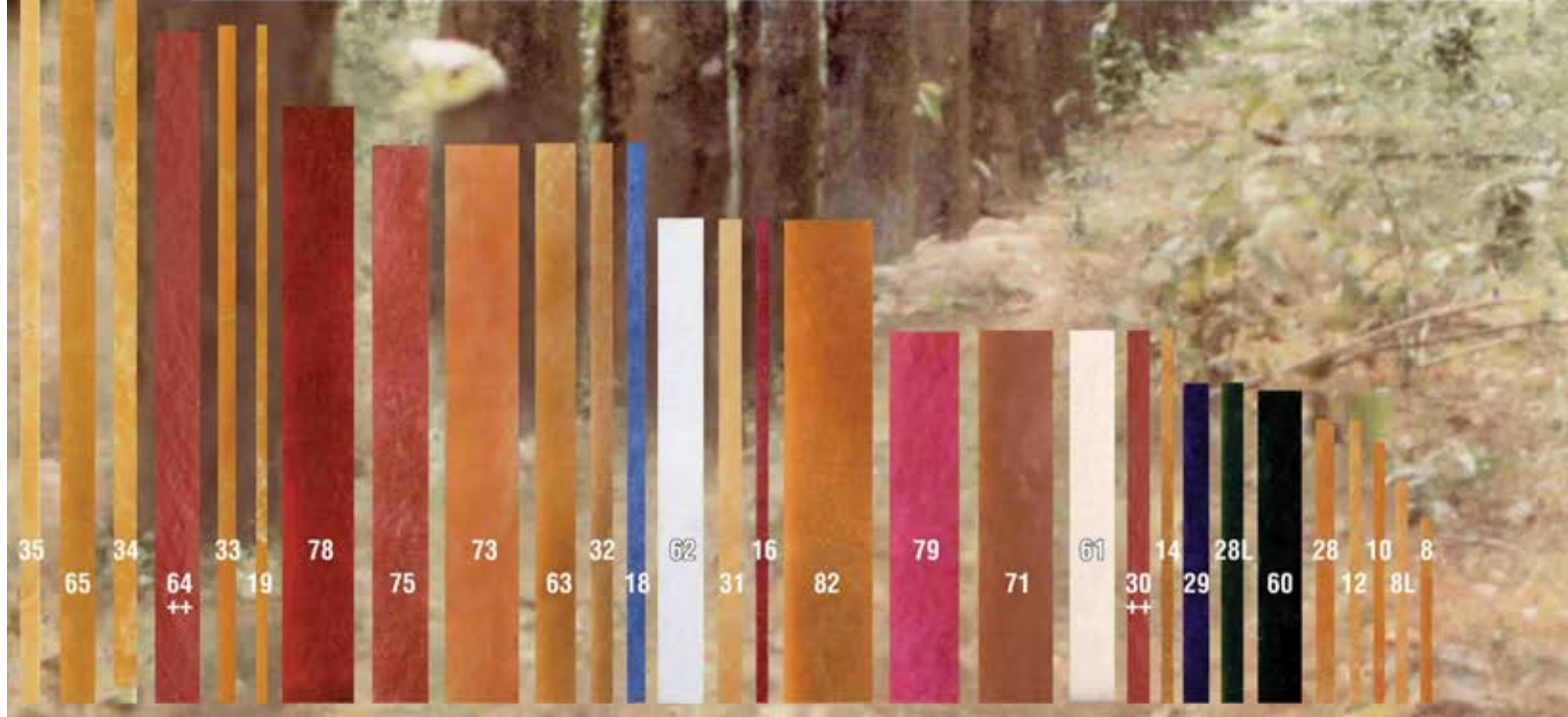
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# Venhardt SELECTION GUIDE

VenBands\*

PRODUCT No	LENGTH mm	WIDTH mm	THICK mm	TENSILE STRENGTH kg cm <sup>2</sup>	BREAK FORCE kg	COLOUR ●●●●●●●○	500g BAG	100g BOX	500g BAG	COLOUR ●●●	
							40 BAGS PER CTN	100 BOXES PER CTN	40 BAGS PER CTN		
BANDS PER BAG OR BOX APPROX.											
8	25	1.5	0.8 - 1.0	92.28	2.21	●	6221	1410	5400	●	
8L	30	1.5	0.8 - 1.0	92.28	2.21	●	4820				
10	35	1.5	0.8 - 1.0	92.28	2.21	●	4728		4510	●●	
12	38	1.5	0.8 - 1.0	92.28	2.21	●	4149	745	3000	●●	
14	50	1.5	0.8 - 1.0	92.28	2.21	●	3465	693	2780	●	
16	64	1.5	0.8 - 1.0	92.28	2.21	●	2674+	495	2225	●●●	
18	75	1.5	0.8 - 1.0	92.28	2.21	●●	2336	365	1793	●	
19	90	1.5	0.8 - 1.0	92.28	2.21	●	2012	363	1725	●	
24	150	1.5	0.8 - 1.0	92.28	2.21	●	1400	280			
28	38	3	0.8 - 1.0	92.28	4.43	●●●●●○	2074	372	1810	●	
28L	42	3.3	0.8 - 1.0	116.3	6.14	●●●●●○	1675				
29	44	3	0.8 - 1.0	92.28	4.43	●●●●●○	1640				
30	50	3	0.8 - 1.0	106.89	5.14	●●●●●○	1723	322	1560	●	
31	64	3	0.8 - 1.0	106.89	5.14	●●●●●○	1380	276	1215	●	
32	75	3	0.8 - 1.0	106.89	5.14	●●●●●○	1168	185	967	●	
33	90	3	0.8 - 1.0	106.89	5.14	●●●●●○	1006	172	793	●	
Mixed sizes: No30 x 100, No31 x 50, No32 x 35, No 33 x 25									210		
34	100	3	0.8 - 1.0	106.89	5.14	●	915	163	555	●	
35	114	3	0.8 - 1.0	106.89	5.14	●	840	134	505	●	
60	42	6	0.8 - 1.0	118	11.33	●●●●●○	950				
61	50	6	0.8 - 1.0	118	11.33	●●●●●○	1081		930	●●	
62	64	6	0.8 - 1.0	118	11.33	●●●●●○	833	127	610	●	
63	75	6	0.8 - 1.0	118	11.33	●●●●●○	584	86	460	●	
64	90	6	0.8 - 1.0	118	11.33	●●●●●○	503	83	420	●	
65	100	6	0.8 - 1.0	118	11.33	●●●●●○	458	79	330	●	
67	120	6	0.8 - 1.0	118	11.33	●●●●●○	600				
71	50	9	1.58	--	--	●	300				
73	75	10	0.8 - 1.0	121.71	19.47	●	325				
75	75	8	0.8 - 1.0	140.63	18	●●	490				
78	80	10	0.8 - 1.0	121.71	19	●●	310				
79	50	10	0.8 - 1.0	121.71	19	●●	490				
82	64	12	0.8 - 1.0	138.74	26.64	●	415				
86	114	12	0.8 - 1.0	138.74	26.64	●	170	34	33	●	
87	127	12	0.8 - 1.0	138.74	26.64	●	155				
89	150	12	0.8 - 1.0	138.74	26.64	●	140				
92	170	12	0.8 - 1.0	138.74	26.64	●	120				
105	127	15	1.58	116.64	55.29	●	105	21			
106	152	15	1.58	116.64	55.29	●	80	16			
107	177	15	1.58	116.64	55.29	●	70	14			
109	248	17	2.0	114.13	58.2	●	37				
109T	248	17	0.8 - 1.0	--	--	●	74				
160	160	13	2.0	520.00	50.00	Banana Bands ●	100#				
Bandofix	30 - 160	4 - 5	1 - 1.5	N/A	N/A	●	#				
Chicken Bands	110	N/A	N/A	N/A	N/A	○	1920###				
170	160	12	3	1125.90	90.66	●	40				
175	175	4	0.8 - 1.0	119.75	7.66	●●	347				
203	300	25	3	125.91	188.86	●	15				
220	250	3	1.58	106.89	5.14	●	230				

+ Also 25g blister packs, assorted colours. ++ Rhodamine red. # Banana Bands made from a blend of natural and synthetic rubber. #Avocado green. 1kg bag, 20 bags per carton. ## Bandofix. Approx. quantity per 500g bag: 505 (3cm), 115 (16cm) ### Chicken Bands. Natural-white cotton-elastic loops. 3kg bag, 4 bags per carton. \* Tensile strength and breaking force values above apply only to Venhardt natural rubber bands, not VenBands. All VenBands are 1mm thick.



35 65 34 64 ++ 33 19 78 75 73 63 32 18 62 31 16 82 79 71 61 30 ++ 29 28L 60 28 12 8L 8



## The making of a **Venhart** BRAND rubber band.

1. During the night the rubber tree exudes a milky substance known as latex. Each morning the latex is collected. One acre of trees yields approximately 5kg of latex each night.

2. Formic acid is added to coagulate and stiffen the pure latex.

3. Moisture is removed as the latex is pressed into sheets. The sheets now possess most of the familiar qualities of rubber.

4. The rubber sheets then undergo several more drying processes including oven drying.

### Important comparison

Based on 0.8mm thick  
x 1.5mm wide

Rubber content %	96
Breaking force (kg)	2.22
Elongation %	700
Tension set (max)	10
Bands per 500g approx.	2674
(Venhart No 16)	

**Venhart** pure  
rubber bands

96
2.22
700
10
2674

**VenBands** compound  
rubber bands

as low as 60
as low as 1.62
600
28
as low as 2060

5. The rubber is placed in a mixer where chemicals are added to make it more malleable. Most Venhart rubber bands are natural amber but colouring is added at this stage for customers who use bands for coding products and produce. The rubber is then extruded and fed onto various sized pipes according to the band size required.
6. The pipes are placed in an oven for curing. Talcum is applied throughout the manufacturing process to prevent sticking.
7. The rubber tubes are then washed, cooled and cut to the required band width.

### TECHNICAL TERMS

**BREAKING FORCE (kg):** Force applied to the complete band, which causes a break anywhere in the circumference. Established by averaging a series of stretching tests.

**TENSION SET:** Extent to which a band doesn't recover after elongation. Expressed as a percentage of the original band size.

**TENSILE STRENGTH (kg cm<sup>2</sup>):** Calculated from the breaking force as follows:

$$\frac{\text{Breaking force kg}^2}{\text{Thickness mm} \times \text{Cut width mm} / 100} = \text{Tensile strength Kg cm}^2$$

# A Venus<sup>®</sup> Tie for Every Job



## VenTies

A plastic tie for sealing bags, tying electrical wiring, product identification, bundling or joining. Both ends have a loop for hanging items up. Re-usable. Colours: red, blue, green, white and yellow. Lengths: 90mm, 120mm and 150mm. 2 x 5000 per pack.



## VenTie II

An all purpose 0.005mm thick heat resistant nylon tie. Popular with vineyards and market gardeners. Quick and easy opening, adjusting and locking. Strong, light-weight, re-usable, microwavable, boilable, freezable, printable, chemical resistant, weatherproof. Supports weights up to 77.5kg. UV resistant. Colours: brown and black. Length 114mm. Width 8mm. Quantity per pack 10 x 1000. Tensile strength 22kg\* (\* Double strip).



## VenStrip

Continuous, flat, high density, re-usable polythene strip. Simply cut the desired length from the flanged reel. 101 uses in the home, garden, office, factory, school, hospital, farm, nursery, vineyard; handy for camping and boating. Microwavable, boilable, freezable and usable in temperatures from -24°C to +120°C. No 5620/20 will bear weights up to 77.5kg.

Length m	Width mm	Colour
No 5625/15 Lightweight		
375	14.0	green
No 5620/20 Standard		
300	14.0	green
300	10.0	yellow
300	8.0	green

## VenStrip Ties

UV stabilised high density polythene (HDPE) ties for tying grape vines etc. Colour: blue. Length 217mm. Width 14mm. Quantity per pack 10 x 100.



## VenBinders II

Strong, round cross-section polythene with secure, two-hole locking design. Small sizes for attaching labels etc; large sizes for bundling rods, pipes and tying large sacks. Re-usable. Heat resistant to 115°C. Colour: red. Tensile strength 71.38 kg cm<sup>2</sup>.

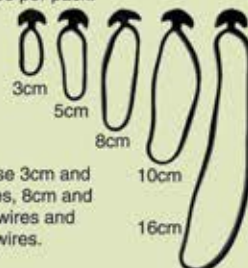
Length cm	Per pack
VBT212	12 1000
VBT218	18 5 x 1000
VBT224	24 1000
VBV250	50 500
VBV270	70 500



## BANDOFIX Rubber Ties

Reusable and UV-protected durable rubber ties that adapt year by year to the plant's growth. Quickly applied or removed without knots. 500g per bag. 40 bags per carton.

Invaluable in vineyards, orchards and nurseries. Use 3cm and 5cm lengths to attach irrigation pipe to support wires, 8cm and 10cm lengths to attach small tree vines to support wires and 16cm lengths to attach large tree vines to support wires.



## Venus Cable Ties

Designed to secure cables without damaging the insulation. Made from heat stabilised nylon, heat resistant to 280°C, and self-extinguishing. Resistant to UV and corrosion. Colours white and black. Not re-usable.

Length mm	Width mm	Colours	Min. loop tensile strength kg	Loop diam. max. mm	Quantity per pack
100	2.5	black, white	8	23	1000
120	2.5	black	8	30	1000
160	2.5	black, white	8	41	1000
203	2.5	black, white	8	56	1000
295	3.6	black, white	18	83	500
332	7.6	black	54	95	100
368	4.8	black, white	23	106	500
368	7.6	black, white	54	109	100
530	9.0	black	80	155	100
655	9.0	black	80	194	100
780	9.0	black	80	234	100



## Venus Ladder Ties

Made from the same nylon as Venus Cable Ties but more economical. Colours white and black. Not re-usable. 4mm wide x 1.25mm thick. Lengths: 180mm and 280mm. 1000 per pack, 5 packs per carton.



## Venus Security Ties

The locking tie that cannot be opened. Ideal for document pouches, mail bags and other items that require tamper proofing. Made from tough, high-density polythene. Length: 280mm. Colour: green. 1000 per pack.

# A Venus Tie for Every Job



## Venhart Vinyl Twist Ties

Vinyl or PP ribbon, 3mm wide with 0.4mm wire core. Heat resistant to 110°C. 1000 per bundle. Colours: white, red, blue, green and yellow. Gold in 70mm and 100mm size. Silver in 70mm size.



## Venhart Paper Fasties

The economical paper twist tie. 4mm wide paper ribbon with 0.4mm zinc coated wire core in white, red, blue, green and yellow. Tensile strength: 40kg/mm<sup>2</sup>. Heat resistant to 100°C. 1000 per bundle.

Length	per pack	Length	per pack	Length	per pack
75mm	100000	150mm	50000	250mm	35000
100mm	100000	175mm	50000	300mm	25000
120mm	75000	200mm	50000		



## Venhart Wire Bag Ties

For secure binding of bags weighing up to 100kg. Red copper coating prevents rust and corrosion during storage. 1000 per bundle. Gauge: 1.4mm. Apply with the Venhart Twist Drill or Venhart Loop Tyer. Lengths: 100, 110, 125, 150, 200, 225, 250, 275 and 300mm.

## Venhart Twist Drill

Strong, steel construction with wear resistant bronze sleeve and heavy duty plastic moulded handle. Length: 310mm. Weight: 420g. Use with Venhart Wire Bag Ties.

## Venhart Loop Tyer

Economical and lightweight with an easy-grip wooden handle and pointed steel hook which rotates the bag tie by hand movement. Length: 180mm. Weight: 420g. Use with Venhart Wire Bag Ties.



## Venus Garden Ties

Handy in the garden for plants, shrubs and vines plus many other uses including bundling hoses, wires etc. Made from high-density polythene. Adjustable, re-usable, waterproof and impervious to most chemicals and pesticides. Bursting strength 25kg. US FDA approved. Length 203mm. Width 9.5mm. 400 per pack, 24 packs per display, 3 displays per carton.



## Venus Ventagger and Tagging Pins

Attach swing tickets and labels to garments and other products. Ventagger Mk4 includes a standard needle and weighs just 100g. An optional, heavy duty 1.8mm diameter needle is also available. STANDARD: 20, 25, 35, 50, 60, 65, 75 and 150mm long. FINE: 20mm and 50mm long. CIRCLE: 35mm long with 9mm I.D. circle. HOOK: 35mm long with 9mm I.D. hook. DOUBLE PIN: 65mm long.



## Venus Nylon Loop Ties

Minimum loop tensile strength: 8kg. Maximum temperature resistance: 300 °C. Colour: white. Length: 150mm. 5000 per pack.



## Venhart Elastic Pallet Bands

Width mm	Colour	per pk
2.5	green	25
3.0	blue	25



## Venhart Chicken Loops

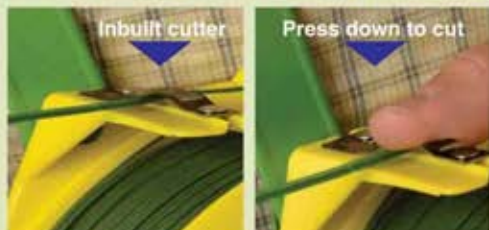
Elastic in natural white. 110mm. 1920 per bag, 4 bags per carton.



## TIEFIX Shoulder Dispenser

Used in vineyards, orchards and nurseries. 500 metres of green vinyl coated wire cored ribbon in a handy dispenser with a cutter, brake and an adjustable strap. The ideal companion to Venhart Twist Pliers (below). Also 500m refill rolls.

Ribbon guide



## Venhart Twist Tying Pliers

One squeeze spins the twist hook and cuts the TIEFIX ribbon.



## TIEFIX Self-dispensing coils

The centre-draw coil contained in a netting outer pack hangs from the belt for easy dispensing and no tangles.

**Classic Plastic PP:** Non-toxic, virgin green polypropylene. Lasts about 3 years. 250m, pack of 22. 500m, pack of 20.

**Bio-degradable Plastic:** Special photo-degradable silver coloured plastic that decomposes in sunlight after about 12 months. 250m, pack of 22. 500m, pack of 20.

**Bio-degradable Paper:** Natural colour. Decomposes after about 8 months. 250m, pack of 24. 500m, pack of 20.

## TIEFIX Vinyl Ribbon Rolls

3mm wide vinyl ribbon with 0.4mm core. The re-usable, interchangeable spools mean real savings. Colours: black, green, red, white, orange, purple, yellow and blue. 800m spools, 6 and 8 per pack. 800m spool-less refills, 6 per pack. Replacement spools (no ribbon) 4 per pack. Use with Venus Masterfix machine.

## TIEFIX Tiematic Ribbon.

914m spools for the Venus Tiematic in black, green, red, white, orange, purple, yellow and blue. 10 per pack.

## TIEFIX Twister 10 Ribbon

Use with the Venus Twister 10. 500m spools in red, white, blue, gold and silver, 10 per pack. 900m spools in white, 5 per pk.

